

1-5443 U.S. PTO

09/17/5664

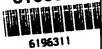


10/20/98

|                      |     |          |
|----------------------|-----|----------|
| 166                  | 192 | Subclass |
| 166                  | 192 | Class    |
| ISSUE CLASSIFICATION |     |          |

## U.S. UTILITY PATENT APPLICATION

|                    |                |              |
|--------------------|----------------|--------------|
| cm                 | O.I.P.E.       | PATENT DATE  |
| SCANNED <u>LSI</u> | O.A. <u>SW</u> | Mar 5 5 2001 |

PATENT NUMBER  
6198311

|        |       |                     |                      |                             |
|--------|-------|---------------------|----------------------|-----------------------------|
| SECTOR | CLASS | SUBCLASS <u>192</u> | ART UNIT <u>3671</u> | EXAMINER <u>Prin 35/112</u> |
|--------|-------|---------------------|----------------------|-----------------------------|

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 (Attached in pocket on right inside flap)

## PREPARED AND APPROVED FOR ISSUE

| ISSUING CLASSIFICATION       |              |                    |                                   |  |  |  |  |  |  |  |
|------------------------------|--------------|--------------------|-----------------------------------|--|--|--|--|--|--|--|
| ORIGINAL                     |              | CROSS REFERENCE(S) |                                   |  |  |  |  |  |  |  |
| CLASS                        | SUBCLASS     | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |  |  |  |  |  |
| <u>166</u>                   | <u>192</u>   |                    |                                   |  |  |  |  |  |  |  |
| INTERNATIONAL CLASSIFICATION |              |                    |                                   |  |  |  |  |  |  |  |
| <u>E21B</u>                  | <u>33/16</u> |                    |                                   |  |  |  |  |  |  |  |
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|---|---|----------------------|-----------------------|---|-----------------------------------|
| <input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>   | DRAWINGS  |                      |                       | CLAIMS ALLOWED  |                                   |
|   | Sheets Drwg. <u>2</u>   | Figs. Drwg. <u>8</u> | Print Fig. <u>4,8</u> | Total Claims <u>5251</u>  | Print Claim for O.G. <u>44 AS</u> |
| <input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.                       | _____<br>(Assistant Examiner)   |                      |                       | NOTICE OF ALLOWANCE MAILED<br><u>10-10-00</u>                                   |                                   |
| <input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____ | Christopher J. Novosad<br>Primary Examiner<br>ART UNIT 3671<br><u>[Signature]</u><br>(Date) <u>10-24-00</u><br>(Legal Instruments Examiner) |                      |                       | ISSUE FEE <u>(12)</u><br>Amount Due <u>\$ 1240</u><br>Date Paid <u>10-20-00</u> |                                   |
| <input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.                                | <u>E. Xu</u> <u>10/11/00</u><br>(Date)  |                      |                       | ISSUE BATCH NUMBER<br><u>T46</u>  |                                   |

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(Rev. 10/97)

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(LABEL AREA)

(FACE)